

IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

1. (Currently Amended) A radio transmission apparatus that measures channel quality between the radio transmission apparatus and a communicating party and transmits to the communicating party a CQI (Channel Quality Indicator) ~~that represents~~ representing a measurement value, the apparatus comprising: [[:]]

a memory that stores CQI update cycle information representing an update cycle of the CQI and CQI repetition count information representing how many consecutive times the same CQI is transmitted; and

a CQI transmission timing controller that determines a transmission timing of the CQI based on the CQI update cycle information stored in the memory and a transmission timing of the CQI based on the CQI repetition count information stored in the memory, and a CQI transmitter that, when a the transmission timing of a the CQI that is based on the CQI update cycle information and a the transmission timing of a the CQI that is based on the CQI repetition count information overlap, transmits commands to transmit the CQI at the transmission timing based on

the CQI repetition count information, to the communicating party with priority; and

a CQI transmitter that transmits the CQI at the transmission timings determined by the CQI transmission timing controller, according to the command.

2. (Currently Amended) The radio transmission apparatus of claim 1, wherein:[]

when the transmission timing of the CQI based on the CQI update cycle information and the transmission timing of the CQI based on the CQI repetition count information overlap, the radio transmission apparatus reports to a higher apparatus that the CQI update cycle information and CQI repetition count information in use have an error, receives reconfigured CQI update cycle information and CQI repetition count information from the higher apparatus and stores these information in the memory; and

wherein the CQI transmission timing controller determines a transmission timing of the CQI transmitter transmits the CQI to the communicating party based on the reconfigured CQI update cycle information stored in the memory and a transmission timing of the CQI based on the reconfigured CQI repetition count information stored in the memory.

3. (Currently Amended) The radio transmission apparatus of claim 1, wherein: [[,]]

when the transmission timing of the CQI based on the CQI update cycle information and the transmission timing of the CQI based on the CQI repetition count information overlap, the radio transmission apparatus reports to the communicating party that the CQI update cycle information and CQI repetition count information in use have an error, receives reconfigured CQI update cycle information and CQI repetition count information from the communicating party and stores these information in the memory; and

wherein the CQI transmission timing controller determines a transmission timing of the CQI ~~transmitter transmits the CQI to the communicating party~~ based on the reconfigured CQI update cycle information stored in the memory and a transmission timing of the CQI based on the reconfigured CQI repetition count information stored in the memory.

4. (Currently Amended) The radio transmission apparatus of claim 1, wherein: [[,]]

when the transmission timing of the CQI based on the CQI update cycle information and the transmission timing of the CQI based on the CQI repetition count information overlap, the radio

transmission apparatus reconfigures the CQI update cycle information and CQI repetition count information anew such that the transmission timings do not overlap, stores the reconfigured CQI update cycle information and CQI repetition count information in the memory, and reports these new information to the communicating party; and

wherein the CQI transmission timing controller determines a transmission timing of the CQI transmitter transmits the CQI to the communicating party based on the reconfigured CQI update cycle information stored in the memory and a transmission timing of the CQI based on the reconfigured CQI repetition count information stored in the memory.

5. (Previously Presented) The radio transmission apparatus of claim 2, wherein, of the CQI update cycle information and the CQI repetition count information, the CQI update cycle information alone is reconfigured.

6. (Currently Amended) A radio reception apparatus that receives a CQI (Channel Quality Indicator) representing channel quality between the radio reception apparatus and a communicating party and decodes the CQI, the apparatus comprising:

a memory that stores CQI update cycle information representing an update cycle of the CQI and CQI repetition count information representing how many consecutive times the same CQI is transmitted received and decoded; and

a CQI reception timing controller that determines a reception timing of the CQI based on the CQI update cycle information stored in the memory and a reception timing of the CQI based on the CQI repetition count information stored in the memory, and ~~receiver and decoder that, when a~~ the reception timing of a the CQI that is based on the CQI update cycle information and a ~~transmission~~ the reception timing of a the CQI that is based on the CQI repetition count information overlap, commands to receive and decode ~~receives and decodes~~ the CQI at the reception timing based on the CQI repetition count information with priority; and

a CQI receiver and decoder that receives and decodes the CQI at the reception timings determined by the CQI reception timing controller, according to the command.

7. (Currently Amended) The radio reception apparatus of claim 6, wherein: [[,]]

when the reception timing of the CQI based on the CQI update cycle information and the reception timing of the CQI based on

the CQI repetition count information overlap, the radio reception apparatus reports to a higher apparatus that the CQI update cycle information and CQI repetition count information in use have an error, receives reconfigured CQI update cycle information and CQI repetition count information from the higher apparatus and stores these information in the memory; and

wherein the CQI reception timing controller determines a reception timing of the CQI receiver and decoder receives and decodes the CQI based on the reconfigured CQI update cycle information stored in the memory and a reception timing of the CQI based on the reconfigured CQI repetition count information stored in the memory.

8. (Currently Amended) The radio reception apparatus of claim 6, wherein: [[,]]

when the reception timing of the CQI based on the CQI update cycle information and the reception timing of the CQI based on the CQI repetition count information overlap, the radio reception apparatus reconfigures the CQI update cycle information and CQI repetition count information anew such that the reception timings do not overlap, stores the reconfigured CQI update cycle information and CQI repetition count information in the memory, and reports these new information to the communicating party; and

wherein the CQI reception timing controller determines a reception timing of the CQI receiver and decoder receives and decodes the CQI based on the reconfigured CQI update cycle information stored in the memory and a reception timing of the CQI based on the reconfigured CQI repetition count information stored in the memory.

9. (Previously Presented) The radio reception apparatus of claim 7, wherein, of the CQI update cycle information and the CQI repetition count information, the CQI update cycle information alone is reconfigured.

10. (Original) A communication terminal apparatus comprising the radio transmission apparatus of claim 1.

11. (Original) A radio base station apparatus comprising the radio reception apparatus of claim 6.

Claims 12-15 (Cancelled).

16. (Previously Presented) The radio transmission apparatus of claim 3, wherein, of the CQI update cycle

information and the CQI repetition count information, the CQI update cycle information alone is reconfigured.

17. (Previously Presented) The radio transmission apparatus of claim 4, wherein, of the CQI update cycle information and the CQI repetition count information, the CQI update cycle information alone is reconfigured.

18. (Previously Presented) The radio reception apparatus of claim 8, wherein, of the CQI update cycle information and the CQI repetition count information, the CQI update cycle information alone is reconfigured.

19. (New) A radio communication system comprising a radio base station apparatus and a communication terminal apparatus that measures channel quality between the radio base station apparatus and the communication terminal apparatus and transmits to the radio base station apparatus a CQI representing a measurement value, wherein:

the communication terminal apparatus comprises:

a first memory that stores CQI update cycle information representing an update cycle of the CQI and first CQI

repetition count information representing how many consecutive times the same CQI is transmitted;

a CQI transmission timing controller that determines a transmission timing of the CQI based on the CQI update cycle information stored in the first memory and a transmission timing of the CQI based on the first CQI repetition count information stored in the first memory, and, when the transmission timing of the CQI based on the CQI update cycle information and the transmission timing of the CQI based on the first CQI repetition count information overlap, commands to transmit the CQI at the transmission timing based on the first repetition count information, to a communicating party with priority; and

a CQI transmitter that transmits the CQI at the transmission timings determined by the CQI transmission timing controller, according to the command, and the radio base station apparatus comprises:

a second memory that stores the CQI update cycle information and second CQI repetition count information representing how many consecutive times the same CQI is received and decoded;

a CQI reception timing controller that determines a reception timing of the CQI based on the CQI update cycle

information stored in the second memory and a reception timing of the CQI based on the second CQI repetition count information stored in the second memory, and, when the reception timing of the CQI based on the CQI update cycle information and the reception timing of the CQI based on the second CQI repetition count information overlap, commands to receive and decode the CQI at the reception timing based on the second repetition count information with priority; and

a CQI receiver and decoder that receives and decodes the CQI at the reception timings determined by the CQI reception timing controller, according to the command.

20. (New) The radio communication system of claim 19, further comprising a higher apparatus that controls a plurality of radio base station apparatuses, wherein:

when the transmission timing of the CQI based on the CQI update cycle information and the transmission timing of the CQI based on the first CQI repetition count information overlap, the CQI transmission timing controller reports information representing that the transmission timings of the CQI overlap, to the higher apparatus through the radio base station apparatus;

when the reception timing of the CQI based on the CQI update cycle information and the reception timing of the CQI based on

the second CQI repetition count information overlap the CQI reception timing controller reports information representing that the reception timings of the CQI overlap, to the higher apparatus;

when the higher apparatus receives the report of the information representing that the transmission timings of the CQI overlap or the information representing that the reception timings of the CQI overlap, the higher apparatus reports to the communication terminal apparatus the new configured CQI update cycle information and first CQI repetition count information and reports to the radio base station apparatus the new configured CQI update cycle information and second CQI repetition count information;

the first memory stores the new configured CQI update cycle information and first CQI repetition count information reported from the higher apparatus; and

the second memory stores the new configured CQI update information and second CQI repetition count information reported from the upper apparatus.

21. (New) A radio transmission method that measures channel quality to a communicating party and transmits to the

communicating party a CQI (Channel Quality Indicator)
representing a measurement value, the method comprising:

determining a transmission timing of the CQI based on
predetermined CQI update cycle information representing an update
cycle of the CQI and a transmission timing of the CQI based on
predetermined CQI repetition count information representing how
many consecutive times the same CQI is received and decoded, and,
when the transmission timing of the CQI based on the CQI update
cycle information and the transmission timing of the CQI based on
the CQI repetition count information overlap, commanding to
transmit the CQI at the transmission timing based on the CQI
repetition count information with priority; and

transmitting the CQI at the determined transmission timings,
according to the command.

22. (New) A radio reception method that receives a CQI
(Channel Quality Indicator) representing channel quality to a
communicating party, from the communicating party and decodes the
CQI, the method comprising:

determining a reception timing of the CQI based on
predetermined CQI update cycle information representing an update
cycle of the CQI and a reception timing of the CQI based on
predetermined CQI repetition count information representing how

many consecutive times the same CQI is received and decoded, and, when the reception timing of the CQI based on the CQI update cycle information and the reception timing of the CQI based on CQI repetition count information overlap, commanding to receive and decode the CQI at the reception timing based on the CQI repetition count information with priority; and

receiving and decoding the CQI at the determined reception timings, according to the command.